

Abstract

[0049] A vibration-reducing system for use with a data processing apparatus is provided. The data processing apparatus includes a data access apparatus. The vibration-reducing system includes at least one first elastic element and at least one second elastic element, and the elastic modulus of the second elastic element is smaller than the elastic modulus of the first elastic element. The first elastic element connects the data access apparatus to the data processing apparatus, and the second elastic element is disposed between the data processing apparatus and the data access apparatus. A part of impact energy is removed from the data access apparatus by using the difference between the elastic modulus of the first and the second elastic elements.